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Application No. 10/647,071
Attorney Docket No. 11662-003-999
Amendment dated November 23, 2009
Reply to final Office Action dated October 9, 2009

AMENDMENTS TO THE CLAIMS

This Listing of the Claims will replace all prior versions, and listings of the claims in the application.

Listing of the Claims:

1.-160. (Canceled)

161. (New) A pharmaceutical composition comprising a hapten-carrier conjugate, said pharmaceutical composition comprising

at least one hapten which is nicotine; and

at least one carrier which is a pseudomonas exotoxin,

and wherein said hapten and said carrier are linked by a branch which comprises:

CJ 11.1 $\text{CH}_2\text{YCO}(\text{CH}_2)_n\text{COQ}$,

and wherein, n is independently an integer; Y is S, O, or NH; and Q is the carrier.

162. (New) The pharmaceutical composition of claim 161, wherein n is an integer from about 3 to about 20.

163. (New) The pharmaceutical composition of claim 161, wherein greater than one hapten is coupled to the carrier.

164. (New) The pharmaceutical composition of claim 161, further comprising a pharmaceutically acceptable excipient.

165. (New) The pharmaceutical composition of claim 161, further comprising an adjuvant.

166. (New) The pharmaceutical composition of claim 161, wherein the adjuvant is alum or RIBI adjuvant.

167. (New) The pharmaceutical composition of claim 161, wherein the alum is aluminum hydroxide or aluminum phosphate.

168. (New) The pharmaceutical composition of claim 161, which is suitable for parenteral administration to a human.